



INFORMATION DISCLOSURE STATEMENT

Case Name. A. Alexiou 3-3
Serial No. 10/621425
Applicant: A. Alexiou, et al.
Filing Date: July 17, 2003
Group:

U.S. PATENT DOCUMENTS

| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date |
|-------------------|----|-----------------|----------|--------------------|-------|----------|-------------|
| GN | AI | 6,185,258 | 2/6/2001 | S. Alamouti, et al | 375 | 260 | 5/7/1998 |
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FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Country | Class | Subclass | Translation |
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OTHER (including Author, Title, Date, Pertinent Pages, etc.)

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| GN | AA | Jack Salz, et al, "Effect of Fading Correlation on Adaptive Arrays in Digital Mobile Radio", <i>IEEE Transactions on Vehicular Technology</i> , Vol. 43, No. 4, (11-94), pages 1049-1957. |
| | AB | Da-Shan Shiu, et al, "Fading Correlation and Its Effect on the Capacity of Multielement Antenna Systems", <i>IEEE Transactions on Communications</i> , Vol. 48, No. 3, (3-00), pages 502-513. |
| | AC | Helmut Bolcskei, et al, "Performance of Space-Time Codes in the Presence of Spatial Fading Correlation", <i>IEEE 2000</i> , pages 687-693. |
| | AD | Angeliki Alexiou, "Realistic Channel Model Considerations in UMTS Downlink Capacity with Space-Time Block Coding", <i>3rd IEEE Signal Processing Workshop on Signal Processing Advances in Wireless Communications</i> , Taoyuan, Taiwan, (3/23-23/01), pages 275-278. |
| | AE | Christopher Brunner, et al, "Downlink Eigenbeamforming in WCDMA", <i>Munich University of Technology, D-80290 Munich, Germany</i> . |
| | AF | Hemanth Sampath, et al, "Linear Precoding for Space-Time Coded Systems With Known Fading Correlations", <i>IEEE Communications Letters</i> , Vol. 6, No. 6, (6-02), pages 239-241. |
| | AG | Vahid Tarokh, et al, "Space-Time Block Codes from Orthogonal Designs", <i>IEEE Transactions on Information Theory</i> , Vol. 45, No. 5, (7-99), pages 1456-1467. |
| | AH | Louay M.A. Jalloul, et al, "Performance Analysis of CDMA Transmit Diversity Methods", <i>IEEE 1999</i> , pages 1326-1330. |

***References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.

***Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header

| EXAMINER | DATE CONSIDERED |
|---------------|-----------------|
| Samir Alexiou | 12/19/05 |

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